

Claims

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1. An installation for controlling aids (8, 9, 10, 12) for public functions, in particular acoustic irradiation and/or illumination systems, with a control unit to which at least one mobile object, in particular an (audio) signal source, as well as one or more aids to be controlled can be connected, and comprises control means for controlling the aids, **characterised in that** a locating device is provided to locate a relevant position, for instance the position of an actor, which outputs a position signal indicating the relevant position to the control unit, **and in that** the control unit controls the aid or aids (8, 9, 10, 12) in dependence on the position signal.
2. An installation according to Claim 1, **characterised in that** the locating device comprises fixed radio beacon transmitters (26, 26', 28, 28'), to be disposed spaced from one another, for transmitting radio beacon signals, a mobile receiver (30) for receiving the radio beacon signals and an output unit (32), which derives the position signal from the received radio beacon signals outputs it.
3. An installation according to Claim 2, **characterised in that** a mobile transmitter (34), with which a receiver of the control unit is associated, is provided to output the position signal to the control unit.

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4. An installation according to Claim 3,
characterised in that the fixed radio beacon transmitters (26, 26', 28, 28') are constructed as high-frequency transmitters and the mobile receiver (30) is accordingly constructed as a high-frequency receiver.
5. An installation according to Claim 3 or 4,
characterised in that the fixed radio beacon transmitters (26, 26', 28, 28') transmit the radio beacon signals in the GPS format and the mobile receiver (30) is constructed as a GPS receiver.
6. An installation according to one of Claims 3 to 5,
characterised in that the mobile transmitter (34) is constructed as a high-frequency transmitter and the associated receiver is accordingly constructed as a high-frequency receiver.
7. An installation according to one of the preceding Claims,
characterised in that the control unit can receive derived position signals from several locating devices and process them.
8. An installation according to one of the preceding Claims,
characterised in that the mobile receiver (30), the evaluation unit (32) and the mobile transmitter (34) are constructed as a portable compact appliance.
9. An installation according to one of the preceding Claims,

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characterised in that the (audio) signal source is constructed as a microphone (22).

10. A control unit according to Claim 9,
characterised in that the mobile receiver (30), the evaluation unit (32) and the mobile transmitter (34) are disposed in the housing of the microphone (22).
11. A microphone (22), specifically for use at a public function, with
an electroacoustic transducer for receiving an audio signal and a transmitter for transmitting an audio signal,
characterised by a mobile receiver (30) for receiving radio beacon signals, an output unit (32) for deriving and outputting a signal from the received radio beacon signals and a transmitter (34) for outputting the derived signal to a control unit for controlling aids.

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